



Beth C. Gladen, Ph.D.

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Education:

B.S., Mathematics, 1971, Bucknell

Ph.D., Statistics, 1977, Stanford

Interdisciplinary research is a hallmark of the intramural program of NIEHS. My primary focus is bringing the best biostatistical methods, as well as extensive experience in particular areas of study, to collaborative research. My interests fall into two general areas. One is exposure assessment, including assessing the value of biomarkers and conducting normative studies of exposure. The other is effects of environmental exposure on human health, with a particular interest in delayed effects of prenatal and early-life exposures to organochlorines.

Recent Publications

Gladen BC, Ragan NB, Rogan WJ. Pubertal growth and development and prenatal and lactational exposure to polychlorinated biphenyls and dichlorodiphenyl dichloroethene. *Journal of Pediatrics* 136(4):490-496, 2000.

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Monaghan SC, Little RE, Hulchiy O, Strassner H, Gladen BC. Risk factors for spontaneous preterm birth in two urban areas of Ukraine. *Paediatric and Perinatal Epidemiology* 15(2):123-130, 2001.

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Little RE, Little AS, Chislovska N, Hulchiy OP, Monaghan SC, Gladen BC. Hospital admissions during pregnancy in two urban areas of Ukraine. *Paediatric and Perinatal Epidemiology* 15(4):323-327, 2001.

Longnecker MP, Wolff MS, Gladen BC, Brock JW, Grandjean P, Jacobson JL, Korrick SA, Rogan WJ, Weisglas-Kuperus N, Hertz-Picciotto I, Ayotte P, Stewart P, Winneke G, Charles MJ, Jacobson SW, Dewailly É, Boersma ER, Altshul LM, Heinzow B, Pagano JJ, Jensen AA. Comparison of polychlorinated biphenyl levels across studies of human neurodevelopment. *Environmental Health Perspectives* 111(1):65-70, 2003.

Gladen BC, Shkiryak-Nyzhnyk ZA, Chyslovska N, Zadorozhnaja TD, Little RE. Persistent organochlorine compounds and birth weight. *Annals of Epidemiology* 13(3):151-157, 2003.

Little RE, Zadorozhnaja TD, Hulchiy OP, Mendel NA, Shkyryak-Nyzhnyk ZA, Chyslovska N, Gladen BC. Placental weight and its ratio to birth weight in a Ukrainian city. *Early Human Development* 71(2):117-127, 2003.

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Biostatistics Branch,
Environmental Diseases and Medicine Program,
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